



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Agency Interest (AI) No.: 3351
Activity No.: PER20050002

Mr. John C. Kelly
Vice President, Operations & Engineering
Trunkline LNG Company, LLC
Post Office Box 4967
Houston, TX 77210-4967

RE: Part 70 Operating Permit, Trunkline LNG Company, LLC – Lake Charles LNG Receiving Terminal,
Trunkline LNG Company, LLC, Lake Charles, Calcasieu Parish, Louisiana

Dear Mr. Kelly:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the application submitted and in no way relieves the applicant of the obligation to comply with all applicable requirements. The synopsis, data sheets, and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 2nd of May, 2008, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number cited below and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2006.

Permit No.: 0520-00098-V6

Sincerely,

Draft for PN

Chuck Carr Brown, Ph.D.
Assistant Secretary

CCB: sbp

c: EPA Region VI

ENVIRONMENTAL SERVICES

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AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
Agency Interest No.: 3351
Trunkline LNG Company, LLC
Lake Charles, Calcasieu Parish, Louisiana

I. Background

Trunkline LNG Company, LLC owns and operates a liquefied natural gas terminal, Lake Charles LNG Receiving Terminal, in Lake Charles. The facility currently operates under Permit Number 0520-00098-V5 issued May 3, 2005; Prevention of Significant Deterioration (PSD) Permit Number PSD-LA-97(M-2), issued May 27, 1987; and PSD Permit Number PSD-LA-685, issued October 1, 2002.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted on November 11, 2005, requesting a Part 70 Operating Permit modification. Additional information dated April 13, 2006, June 12, 2006, July 5, 2006, August 26, 2006, and September 20, 2006, was also received.

III. Description

The Lake Charles LNG Receiving Terminal receives liquefied natural gas (LNG) by marine vessel at its marine terminal. The LNG is transferred to four pressurized storage vessels, which are not emission sources. Vapors created during the transfer operation are re-pressurized and re-injected into the LNG stream. Pumps submerged in the LNG tanks elevate the pressure of the liquid sufficiently to lift it out of the tanks and circulate it to the dock area to maintain those lines in a cold state. Second stage pumps elevate the pressure to about 1500 psig before the LNG enters the vaporizers. The facility operates ten vaporizers to re-gasify the LNG for subsequent transmission by interstate pipeline. Ancillary emission sources are present and include two fuel gas heaters, component fugitive losses, a gasoline storage tank, two insignificant diesel-powered generator engines used as stand-by units to provide emergency power in the event of loss of primary power from the utility grid, two insignificant diesel storage tanks, insignificant diesel firewater pumps, and insignificant Bunker C heaters.

The Lake Charles LNG Receiving Terminal is a major source under the Prevention of Significant Deterioration (PSD) program, 40 CFR 52.21 and LAC 33:III.509. The natural gas turbine (Emission Point E-1), the fuel gas heaters (Emission Points E-10 and E-11), and seven LNG vaporizers (Emission Points E-3 through E-9) are permitted under PSD Permit Number PSD-LA-97(M-2), issued May 27, 1987. The emission limits in this permit for the natural gas turbine and LNG vaporizers are more stringent than the emission limits in the PSD Permit. The emission limits in this permit for the fuel gas heaters are the same as the emission limits in the PSD Permit.

Three LNG vaporizers (Emission Points E-14, E-15, and E-16) are permitted under PSD Permit Number PSD-LA-685, issued October 1, 2002. The emission limits in this permit for the LNG vaporizers are the same as the emission limits in the PSD Permit. The PSD Permit requires stack testing on the LNG vaporizers and approves liquid cooled burner cones with a NO_x emission limit of 4.9 lb/hr as BACT for these sources.

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With the previous modifications (0520-00098-V4 and 0520-00098-V5), Trunkline LNG Company proposed to add four additional vaporizers (Emission Points E-17, E-18, E-19, and E-20), add one glycol solution heater (Emission Point E-21), reclassify the existing gas-fired turbine generator (Emission Point E-1) to a standby unit with an operating schedule limited to 800 hours per year, remove the GE Turbine (Emission Point E-12) from the permit as the plans to construct it were abandoned, and update fugitive emissions to reflect the changes. Trunkline LNG Company then proposed to add language that clarifies the fact that the existing turbine (Emission Point E-1) will be used as an emergency power source only after the startup of the Phase II emissions sources (Emission Points E-17 through E-21). The completion of the construction of a new electrical substation before the startup of the Phase II emission sources would allow the turbine to be operated as an emergency power source. The Phase II emission sources and substation completed constructed on August 21, 2006, and are currently in operation. Therefore, the turbine is now designated as an emergency use turbine and would operate an maximum of 800 hours per year.

With this modification, Trunkline LNG Company proposes to authorize an additional construction project, known as the Infrastructure Enhancement Project (IEP). The purpose of the IEP is to add ambient air vaporizers, gas processing equipment, and two glycol heaters. The ambient air vaporizers are not emission sources, and the only emissions that will emanate from the gas processing equipment are fugitive emissions. Other emission sources to be added as a result of the IEP are three diesel-fired emergency generators (one new engine plus two existing engines that will no longer be insignificant). Resulting insignificant activities will include the replacement of the eight existing fire water pumps, the addition of a new fire water pump, and the addition of nine new diesel storage tanks. Overall, emissions from the facility will be significantly reduced as a result of the project, since the operation of the currently permitted combustion vaporizers and turbine will be reduced upon completion of construction of the IEP. As such, Trunkline LNG Company also proposes to limit operations by establishing a total annual heat input CAP of 5,704,000 MM Btu/yr for LNG vaporizers E-3 through E-9 and E-14 through E-16, a total annual heat input CAP of 2,331,200 MM Btu/yr for LNG vaporizers E-17 through E-20, a total annual heat input CAP of 2,319,210 MM Btu/yr for the two new glycol heaters (E-22 and E-23), and further limiting hours of operations of the stand-by turbine (E-1) to a maximum of 200 hr/yr. The current modification request is to be imposed upon completion of the new IEP construction project. Therefore, a new Phase I and Phase II will be incorporated into this permit modification. The new Phase I will consist of the turbine (E-1) operating at 800 hr/yr and the existing vaporizer (E-3 through E-9 and E-14 through E-20) operating without an annual heat input CAP. The new Phase II will consist of the turbine (E-1) reduced to 200 hr/yr and the existing vaporizers operating with an annual heat input CAP. The potential increase in NO_x emissions from affected sources (*without respect to decreases*) was above its significance level; therefore, a PSD netting analysis was required. The net contemporaneous increase in NO_x emissions (as evaluated on an actual to allowable basis using 2001 through 2004 actual emissions) was less than the significance level of 40 TPY; therefore, PSD review was not required. Reduction of NO_x emissions was obtained by limiting the hours of operation of the gas turbine, Emission Point E-1, to 200 hours per year and establishing heat input CAPs for the vaporizers and glycol heaters.

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Trunkline LNG Company, also requested the use of updated emission factors to correct current PM₁₀, SO₂, and VOC emission limits for the existing LNG vaporizers E-3 through E-9 and E-14 through E-16, and also to add an existing 2.3 MM gallon Bunker C Storage Tank. The potential increase in PM₁₀, SO₂, and VOC emissions from affected sources (*without respect to decreases*) were not above there significance level; therefore, a PSD netting analysis was not required.

Estimated emissions in tons per year are as follows:

| POLLUTANT | BEFORE (OLD PHASE II) | NEW PHASE I | NEW PHASE II | CHANGE |
|------------------|--------------------------|-------------|--------------|---------|
| PM ₁₀ | 29.03 | 43.93 | 40.47 | + 11.44 |
| SO ₂ | 2.45 | 3.75 | 3.36 | + 0.91 |
| NO _X | 330.95 | 331.02 | 275.96 | - 54.99 |
| CO | 176.29 | 176.29 | 154.62 | - 21.67 |
| VOC | 20.99 | 31.90 | 31.11 | + 10.12 |

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

| POLLUTANT | BEFORE (OLD PHASE II) | NEW PHASE I | NEW PHASE II | CHANGE |
|---------------|--------------------------|-------------|--------------|-----------|
| Benzene | 0.01 | 0.01 | 0.01 | No change |
| Ethyl benzene | 0.01 | 0.01 | 0.01 | No change |
| Formaldehyde | 0.37 | 0.61 | 0.64 | + 0.27 |
| MTBE | 0.02 | 0.02 | 0.02 | No change |
| Toluene | 0.04 | 0.04 | 0.04 | No change |
| Xylenes | 0.03 | 0.03 | 0.03 | No change |
| Total | 0.48 | 0.72 | 0.75 | + 0.27 |

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, Prevention of Significant Deterioration (PSD), and New Source Performance Standards (NSPS). National Emission Standards for Hazardous Air Pollutants (NESHAP) do (not) apply.

The facility is regulated under established standards in New Source Performance Standards (NSPS), 40 CFR 60 Subpart GG – Standards of Performance for Stationary Gas Turbines and 40 CFR 60 Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.

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- V. This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.
Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. **Public Notice**

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. **Effects on Ambient Air**

Dispersion Model(s) Used: None

VIII. **General Condition XVII Activities**

| Work Activity | Schedule | PM ₁₀ | Emission Rates - tons | | | |
|---------------|----------|------------------|-----------------------|-----------------|-----|-----|
| | | | SO ₂ | NO _X | CO | VOC |
| --- | --- | --- | --- | --- | --- | --- |

IX. **Insignificant Activities**

| ID No.: | Description | Citation |
|---------|------------------------------------|------------------------|
| T-1 | Diesel Storage Tank, 1,000 gallons | LAC 33:III.501.B.5.A.3 |
| T-4 | Diesel Storage Tank, 1,000 gallons | LAC 33:III.501.B.5.A.3 |

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| | | |
|---------------|---|------------------------|
| FWP-1 thru | | |
| FWP-9 | Diesel Fired Water Pumps 1 thru 9, 510 HP | LAC 33:III.501.B.5.D |
| EG-1* | Diesel Emergency Generator, 11.65 gallons/hour | LAC 33:III.501.B.5.D |
| SEG* | Diesel Emergency Generator, 11.65 gallons/hour | LAC 33:III.501.B.5.D |
| BCH-1 | Bunker C Heater 1, 1.98 MM BTU/hr | LAC 33:III.501.B.5.A.1 |
| BCH-2 | Bunker C Heater 2, 1.98 MM BTU/hr | LAC 33:III.501.B.5.A.1 |
| T-5 thru T-13 | Diesel Storage Tanks, 280 gallons | LAC 33:III.501.B.5.A.3 |
| --- | Vent Gas Heater, 3 MM BTU/hr | LAC 33:III.501.B.5.A.1 |

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TRUNKLINE LNG COMPANY LLC - LAKE CHARLES LNG RECEIVING TERMINAL
 AGENCY INTEREST NO.: 3351
 TRUNKLINE LNG COMPANY, LLC
 LAKE CHARLES, CALCASIEU PARISH, LOUISIANA

APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

| ID No.: | Description | LAC 33:III Chapter | | | | | | | | | | 40 CFR 60 | | | | | | 40 CFR 61 | | | | | | 40 CFR 63 | | | | | | 40 CFR | | | | | |
|---------------|-------------------------------|--------------------|---|----|----|----|----|-----|----|-----|---|-----------|----|----|----|----|---|-----------|----|---|---|---|---|-----------|----|----|--|--|--|--------|--|--|--|--|--|
| | | 5▲ | 9 | 11 | 13 | 15 | 21 | 51* | 56 | 59* | A | K | Ka | Kb | Dc | GG | A | V | FF | A | F | G | H | 52 | 64 | 68 | | | | | | | | | |
| AI3351 | Facility Wide | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| EQT3 EQT23 | Gas Turbine 2204-JA (20MW) | 1 | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EQT4 | LNG Vaporizer 2101-CA | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EQT5 | LNG Vaporizer 2101-CB | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EQT6 | LNG Vaporizer 2101-CC | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EQT7 | LNG Vaporizer 2101-CD | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EQT8 | LNG Vaporizer 2101-CE | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EQT9 | LNG Vaporizer 2101-CF | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EQT10 | LNG Vaporizer 2101-CG | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EQT11 | Fuel Gas Heater 2211-LA | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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X. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

| ID No.: | Description | LAC 33:III Chapter | | | | | | | | | | 40 CFR 60 | | | | | | 40 CFR 61 | | | | | | 40 CFR 63 | | | | | |
|---------|--|--------------------|---|----|----|----|----|-----|----|---|---|-----------|----|----|----|---|---|-----------|---|---|---|---|----|-----------|----|--|--|--|--|
| | | 5▲ | 9 | 11 | 13 | 15 | 21 | 51* | 56 | A | K | Ka | Kb | Dc | GG | A | V | FF | A | F | G | H | 52 | 64 | 68 | | | | |
| EQT13 | E-14 LNG Vaporizer | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| EQT14 | E-15 LNG Vaporizer | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| EQT15 | E-16 LNG Vaporizer | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| EQT16 | E-17 LNG Vaporizer SCV | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| EQT17 | E-18 LNG Vaporizer SCV | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| EQT18 | E-19 LNG Vaporizer SCV | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| EQT19 | E-20 LNG Vaporizer SCV | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| EQT20 | E-21 WEG Solution Heater 2211-LC | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| EQT21 | T-3 Gasoline Storage Tank | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EQT24 | E-22 Glycol Heater (3202-C1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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XI. APPLICABLE LOUISIANA AND FEDERAL AXIR QUALITY REQUIREMENTS

| ID No.: | Description | LAC 33:III Chapter | | | | | | | | | | 40 CFR 60 | | | | | | 40 CFR 61 | | | | | | 40 CFR | | | | | | |
|----------------|--|---------------------------|----------|-----------|-----------|-----------|-----------|------------|-----------|----------|----------|------------------|-----------|-----------|-----------|----------|----------|------------------|----------|----------|----------|----------|-----------|---------------|-----------|--|--|--|--|--|
| | | 5▲ | 9 | 11 | 13 | 15 | 21 | 51* | 56 | A | K | Ka | Kb | Dc | GG | A | V | FF | A | F | G | H | 52 | 64 | 68 | | | | | |
| EQT25 | E-23 Glycol Heater (3202-C) | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| EQT26 | EG-1 Diesel Emergency Generator | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| EQT27 | EG-2 Diesel Emergency Generator | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| EQT28 | SEG Diesel Emergency Generator | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| EQT29 | T-2 Bunker C Storage Tank | | | | | 3 | | | | | | | | | | | | | | | | | | 3 | | | | | | |
| FUG1 | FG-1 Fugitive Losses from Pipeline Components | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GRP3 | Vaporizer Heat Input CAP No. 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GRP4 | Vaporizer Heat Input CAP No. 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GRPS | Glycol Heater Heat Input CAP | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |

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AGENCY INTEREST NO.: 3351
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KEY:

1. The regulations have applicable requirements, which apply to this particular emission source. The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
2. The regulations have applicable requirements, which apply to this particular emission source, but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
3. The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

* The regulations indicated above are State Only regulations.

- ▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the “Specific Requirements” report specifically states that the regulation is State Only.

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Lake Charles, Calcasieu Parish, Louisiana

XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

| ID No.: | Description | Requirement | Notes |
|---------|------------------------------------|---|--|
| AI3351 | Facility Wide | LAC 33:III.Chapter 59 – Chemical Accident Prevention and Minimization of Consequences [LAC 33:III.5901] | DOES NOT APPLY. Facility does not produce, process, handle, or store substances listed. |
| | | 40 CFR 64 – Compliance Assurance Monitoring (CAM) [40 CFR 64.2(a)(2)] | DOES NOT APPLY. Facility does not use a control device to achieve compliance. |
| | | 40 CFR 68 – Chemical Accident Prevention Provisions [40 CFR 68.10(a)] | DOES NOT APPLY. Facility does not have a regulated substance. |
| EQT16 | E-17 – LNG Vaporizer SCV | LAC 33:III.Chapter 5 – Permit Procedures – Prevention of Significant Deterioration [LAC 33:III.509] | DOES NOT APPLY. The net contemporaneous increase in NO _x emissions (as evaluated on an actual to allowable basis using 2001 through 2004 actual emissions) is less than its significance level of 40 TPY; therefore, PSD review is not required. |
| EQT17 | E-18 – LNG Vaporizer SCV | | |
| EQT18 | E-19 – LNG Vaporizer SCV | | |
| EQT19 | E-20 – LNG Vaporizer SCV | | |
| EQT20 | E-21 – WEG Solution Heater 2211-LC | | |
| EQT24 | E-22 – Glycol Heater (3202-C1) | Emission Standards for Sulfur Dioxide Emission Limitations [LAC 33:III.1503.C] | Exempt. Unit emits less than 250 tons of SO ₂ per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO ₂ standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918 |
| EQT25 | E-23 – Glycol Heater (3202-C2) | | |
| EQT26 | EG-1 – Diesel Emergency Gen. | | |
| EQT27 | EG-2 – Diesel Emergency Gen. | | |
| EQT28 | SEG – Diesel Emergency Gen. | Emission Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1513] | |

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal**

Agency Interest No.: 3351

Trunkline LNG Co LLC

Lake Charles, Calcasieu Parish, Louisiana

| ID No.: | Description | Requirement | Notes |
|---------------|-----------------------------------|---|--|
| EQT21 | T-3 – Gasoline Storage Tank | NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 [40 CFR 60.110b]) | DOES NOT APPLY. Storage tank is less than 10,000 gallons. |
| EQT29 | T-2 – Bunker C Storage Tank | Storage of Volatile Organic Compounds [LAC 33:III.2103] NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquid for Which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984 [40 CFR 60.110a] | DOES NOT APPLY. No. 6 Fuel Oil is not defined as a petroleum liquid [40 CFR 60.111a(b)] |
| EQT3 EQT23 | E-1 – Gas Turbine 2204-JA (20 MW) | NSPS Subpart GG - Standards of Performance for Stationary Gas Turbines [40 CFR 60.330] Emission Standards for Sulfur Dioxide Emission Limitations [LAC 33:III.1503.C] Emission Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1513] | EXEMPT from the NOx standard of 60.332(a) per 60.332(j). SO ₂ standards of 60.333 still apply Exempt. Unit emits less than 250 tons of SO ₂ per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO ₂ standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918 |

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|---------|--------------------------------|--|-------|
| EOT4 | E-3 – LNG Vaporizer 2101-CA | Emission Standards for Sulfur Dioxide Emission Limitations [LAC 33:III.1503.C] | |
| EQT5 | E-4 – LNG Vaporizer 2101-CB | | |
| EQT6 | E-5 – LNG Vaporizer 2101-CC | | |
| EQT7 | E-6 – LNG Vaporizer 2101-CD | Emission Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1513] | |
| EQT8 | E-7 – LNG Vaporizer 2101-CE | | |
| EQT9 | E-8 – LNG Vaporizer 2101-CF | | |
| EQT10 | E-9 – LNG Vaporizer 2101-CG | | |
| EQT11 | E-10 – Fuel Gas Heater 2211-LA | | |
| EQT12 | E-11 – Fuel Gas Heater 2211-LB | | |
| EQT13 | E-14 – LNG Vaporizer | | |
| EQT14 | E-15 – LNG Vaporizer | | |
| EQT15 | E-16 – LNG Vaporizer | | |

The above table provides explanation for both the exemption status and/or non-applicability of a source in the matrix presented in Section X of this permit.

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- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of

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attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

40 CFR PART 70 GENERAL CONDITIONS

5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Surveillance Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

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- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.
- The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated November 11, 2005, along with supplemental information dated April 13, 2006, June 12, 2006, July 5, 2006, and August 26, 2006.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.
- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Surveillance Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Surveillance Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
- B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
1. Report by June 30 to cover January through March
 2. Report by September 30 to cover April through June
 3. Report by December 31 to cover July through September

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

4. Report by March 31 to cover October through December
 - D. Each report submitted in accordance with this condition shall contain the following information:
 1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
 - E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:1.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 3351 Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
Activity Number: PER20050002
Permit Number: 0520-00098-V6
Air - Title V Regular Permit Minor Mod

| Also Known As: | ID | Name | User Group | Start Date |
|--------------------------------|---|--|----------------------------------|-------------------------------------|
| | 0520-00098 | Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal | CDS Number | 08-05-2002 |
| | 0520-0050 | Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal | Emission Inventory | 03-03-2004 |
| | 74-1768961 | Federal Tax ID | Federal Tax ID | 11-20-1999 |
| LAD089791032 | TGC LNG Plant Lake Charles | Hazardous Waste Notification | Inactive & Abandoned Sites | 11-03-1999 |
| 01028 | Trunkline Gas Co - Lake Charles | Inactive & Abandoned Sites | Inactive & Abandoned Sites | 10-06-1993 |
| 01028 | Trunkline LNG - Receiving Terminal | LPDES Permit # | LPDES Permit # | 10-06-1993 |
| LA0055522 | WPC File Number | LPDES Permit # | LPDES Permit # | 05-22-2003 |
| LAR10C350 | LPDES # | LPDES Permit # | LPDES Permit # | 08-08-2004 |
| LAR10C358 | LPDES # | LWDPS Permit # | LWDPS Permit # | 08-08-2004 |
| WP3947 | WPC State Permit Number | LWDPS Permit # | LWDPS Permit # | 06-25-2003 |
| G-019-4056 | Priority 1 Emergency Site | Priority 1 Emergency Site | Priority 1 Emergency Site | 07-18-2006 |
| 127093 | Site Id # | Solid Waste Facility No. | Solid Waste Facility No. | 08-27-2001 |
| 44579 | Trunkline LNG Terminal | TEMPO Merge | TEMPO Merge | 04-24-2005 |
| 7840 | Trunkline Gas Co - Lake Charles | TEMPO Merge | TEMPO Merge | 11-13-2001 |
| 94547 | Trunkline LNG | TEMPO Merge | TEMPO Merge | 11-13-2001 |
| 10-013946 | CMS Trunkline LNG Co LLC - Maintenance Dredging Project | Underground Storage Tanks | Underground Storage Tanks | 04-30-2002 |
| WQC 011115-03 | UST Facility ID (from UST legacy data) | Water Certification | Water Certification | 10-11-2002 |
| | | | | 12-17-2001 |
| Physical Location: | 8100 Big Lake Rd Lake Charles, LA 70605 | Main FAX: 337478936 | Main Phone: 3374754234 | |
| Mailing Address: | PO Box 4967 Houston, TX 772104967 | | | |
| Location of Front Gate: | 30° 6' 43" latitude, 93° 17' 27" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD83 | | | |
| Related People: | Name | Mailing Address | Phone (Type) | Relationship |
| | John Ashley | 8080 Big Lake Rd Lake Charles, LA 70605 | | Water Permit Contact For |
| | Scott Barker | PO Box 4967 Houston, TX 772104967 | | Haz. Waste Billing Party for |
| | Gerald Humphrey | 8100 Big Lake Rd Lake Charles, LA 70605 | | Water Billing Party for |
| | John C. Kelly | PO Box 4967 Houston, TX 772104967 | | Responsible Official for |
| Related Organizations: | Name | Address | Phone (Type) | Relationship |
| | CB&I Constructors | 8900 Fairbanks N Houston Rd Houston, TX 77241 | | Provides environmental services for |
| | Trunkline LNG Co | 8100 Big Lake Rd Lake Charles, LA 70605 | | Owes |

General Information

AI ID: 3351 Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER2005002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

| Related Organizations: | Name | Address | Phone (Type) | Relationship |
|------------------------|---------------------------|---|-----------------|-------------------------------------|
| | Trunkline LNG Co | 8100 Big Lake Rd Lake Charles, LA 70605 | 3374789936 (WP) | Operates |
| | Trunkline LNG Co | 8100 Big Lake Rd Lake Charles, LA 70605 | 3374789936 (WP) | Air Billing Party for |
| | Trunkline LNG Co | 8100 Big Lake Rd Lake Charles, LA 70605 | 3374789936 (WP) | Water Billing Party for |
| | Zephyr Environmental Corp | 3000 Wilcrest Dr Houston, TX 77042 | 7139778787 (WP) | Provides environmental services for |

SIC Codes:
4922, Natural gas transmission

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20050002
 Permit Number: 0520-00098-V6
 Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

| ID | Description | Tank Volume | Max. Operating Rate | Normal Operating Rate | Contents | Operating Time |
|--------|--|---------------------|---------------------|-----------------------|----------|-----------------------|
| EQT003 | E-1 - Gas Turbine 2204-JA (20 MW) - Emergency {Phase I} | 191.08 MM BTU/hr | 191.08 MM BTU/hr | 191.08 MM BTU/hr | | 800 hr/yr (All Year) |
| EQT004 | E-3 - LNG Vaporizer 2101-CA | 92 MM BTU/hr | 92 MM BTU/hr | 92 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT005 | E-4 - LNG Vaporizer 2101-CB | 92 MM BTU/hr | 92 MM BTU/hr | 92 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT006 | E-5 - LNG Vaporizer 2101-CC | 92 MM BTU/hr | 92 MM BTU/hr | 92 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT007 | E-6 - LNG Vaporizer 2101-CD | 92 MM BTU/hr | 92 MM BTU/hr | 92 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT008 | E-7 - LNG Vaporizer 2101-CE | 92 MM BTU/hr | 92 MM BTU/hr | 92 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT009 | E-8 - LNG Vaporizer 2101-CF | 92 MM BTU/hr | 92 MM BTU/hr | 92 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT010 | E-9 - LNG Vaporizer 2101-CG | 92 MM BTU/hr | 92 MM BTU/hr | 92 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT011 | E-10 - Fuel Gas Heater 2211-LA | 6.02 MM BTU/hr | 6.02 MM BTU/hr | 6.02 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT012 | E-11 - Fuel Gas Heater 2211-LB | 6.02 MM BTU/hr | 6.02 MM BTU/hr | 6.02 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT013 | E-14 - LNG Vaporizer | 92 MM BTU/hr | 92 MM BTU/hr | 92 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT014 | E-15 - LNG Vaporizer | 92 MM BTU/hr | 92 MM BTU/hr | 92 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT015 | E-16 - LNG Vaporizer | 94 MM BTU/hr | 94 MM BTU/hr | 94 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT016 | E-17 - LNG Vaporizer SCV | 94 MM BTU/hr | 94 MM BTU/hr | 94 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT017 | E-18 - LNG Vaporizer SCV | 94 MM BTU/hr | 94 MM BTU/hr | 94 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT018 | E-19 - LNG Vaporizer SCV | 94 MM BTU/hr | 94 MM BTU/hr | 94 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT019 | E-20 - LNG Vaporizer SCV | 94 MM BTU/hr | 94 MM BTU/hr | 94 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT020 | E-21 - WEG Solution Heater 2211-LC | 3.5 MM BTU/hr | 3.5 MM BTU/hr | 3.5 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT021 | T-3 - Gasoline Storage Tank | 2000 gallons | 12000 gallons/yr | 191.08 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT023 | E-1 - Gas Turbine 2204-JA (20 MW) - Emergency {Phase II} | 191.08 MM BTU/hr | 191.08 MM BTU/hr | 191.08 MM BTU/hr | | 200 hr/yr (All Year) |
| EQT024 | E-22 - Glycol Heater (3202-C1) | 176.5 MM BTU/hr | 176.5 MM BTU/hr | 176.5 MM BTU/hr | | 8760 hr/yr (All Year) |
| EQT025 | E-23 - Glycol Heater (3202-C2) | 571 horsepower | 571 horsepower | 571 horsepower | | 200 hr/yr (All Year) |
| EQT026 | EG-1 - Diesel Emergency Generator | 2000 horsepower | 2000 horsepower | 2000 horsepower | | 200 hr/yr (All Year) |
| EQT027 | EG-2 - Diesel Emergency Generator | 100 horsepower | 100 horsepower | 100 horsepower | | 200 hr/yr (All Year) |
| EQT028 | SEG - Diesel Emergency Generator | 50 MM gallons/yr | 50 MM gallons/yr | No. 6 Fuel Oil | | 8760 hr/yr (All Year) |
| EQT029 | T-2 - Bunker C Storage Tank | 2.2 million gallons | Not applicable | Not applicable | | 8760 hr/yr (All Year) |
| FUG001 | FG-1 - Fugitive Losses from Pipeline Components | | | | | |

Subject Item Groups:

| ID | Description | Included Components (from Above) |
|--------|-----------------|--------------------------------------|
| GRP002 | Entire Facility | EQT11 E-10 - Fuel Gas Heater 2211-LA |
| GRP002 | Entire Facility | EQT12 E-11 - Fuel Gas Heater 2211-LB |
| GRP002 | Entire Facility | EQT13 E-14 - LNG Vaporizer |
| GRP002 | Entire Facility | EQT14 E-15 - LNG Vaporizer |
| GRP002 | Entire Facility | EQT15 E-16 - LNG Vaporizer |
| GRP002 | Entire Facility | EQT16 E-17 - LNG Vaporizer SCV |

INVENTORIES

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20050002
 Permit Number: 0520-00098-V6
 Air - Title V Regular Permit Minor Mod

Subject Item Groups:

| ID | Description | Included Components (from Above) |
|--------|--------------------------------|--|
| GRP002 | Entire Facility | EQT17 E-18 - LNG Vaporizer SCV |
| GRP002 | Entire Facility | EQT18 E-19 - LNG Vaporizer SCV |
| GRP002 | Entire Facility | EQT19 E-20 - LNG Vaporizer SCV |
| GRP002 | Entire Facility | EQT20 E-21 - WEG Solution Heater 2211-LC |
| GRP002 | Entire Facility | EQT21 T-3 - Gasoline Storage Tank |
| GRP002 | Entire Facility | EQT23 E-1 - Gas Turbine 2204-JA (20 MW) - Emergency {Phase II} |
| GRP002 | Entire Facility | EQT24 E-22 - Glycol Heater (3202-C1) |
| GRP002 | Entire Facility | EQT25 E-23 - Glycol Heater (3202-C2) |
| GRP002 | Entire Facility | EQT26 EG-1 - Diesel Emergency Generator |
| GRP002 | Entire Facility | EQT27 EG-2 - Diesel Emergency Generator |
| GRP002 | Entire Facility | EQT28 SG - Diesel Emergency Generator |
| GRP002 | Entire Facility | EQT10 E-9 - LNG Vaporizer 2101-CG |
| GRP002 | Entire Facility | EQT9 E-8 - LNG Vaporizer 2101-CF |
| GRP002 | Entire Facility | EQT8 E-7 - LNG Vaporizer 2101-CE |
| GRP002 | Entire Facility | EQT7 E-6 - LNG Vaporizer 2101-CD |
| GRP002 | Entire Facility | EQT6 E-5 - LNG Vaporizer 2101-CC |
| GRP002 | Entire Facility | EQT5 E-4 - LNG Vaporizer 2101-CB |
| GRP002 | Entire Facility | EQT4 E-3 - LNG Vaporizer 2101-CA |
| GRP002 | Entire Facility | EQT3 E-1 - Gas Turbine 2204-JA (20 MW) - Emergency {Phase I} |
| GRP002 | Entire Facility | EQT29 T-2 - Bunker C Storage Tank |
| GRP002 | Entire Facility | FUG1 FG-1 - Fugitive Losses from Pipeline Components |
| GRP002 | Entire Facility | GRP3 Vaporizer Heat Input CAP No. 1 |
| GRP002 | Entire Facility | GRP4 Vaporizer Heat Input CAP No. 2 |
| GRP002 | Entire Facility | GRP5 Glycol Heater Heat Input CAP |
| GRP002 | Entire Facility | EQT4 E-3 - LNG Vaporizer 2101-CA |
| GRP003 | Vaporizer Heat Input CAP No. 1 | EQT5 E-4 - LNG Vaporizer 2101-CB |
| GRP003 | Vaporizer Heat Input CAP No. 1 | EQT6 E-5 - LNG Vaporizer 2101-CC |
| GRP003 | Vaporizer Heat Input CAP No. 1 | EQT7 E-6 - LNG Vaporizer 2101-CD |
| GRP003 | Vaporizer Heat Input CAP No. 1 | EQT8 E-7 - LNG Vaporizer 2101-CE |
| GRP003 | Vaporizer Heat Input CAP No. 1 | EQT9 E-8 - LNG Vaporizer 2101-CF |
| GRP003 | Vaporizer Heat Input CAP No. 1 | EQT10 E-9 - LNG Vaporizer 2101-CG |
| GRP003 | Vaporizer Heat Input CAP No. 1 | EQT13 E-14 - LNG Vaporizer |
| GRP003 | Vaporizer Heat Input CAP No. 1 | EQT14 E-15 - LNG Vaporizer |
| GRP003 | Vaporizer Heat Input CAP No. 1 | EQT15 E-16 - LNG Vaporizer |
| GRP004 | Vaporizer Heat Input CAP No. 2 | EQT16 E-17 - LNG Vaporizer SCV |
| GRP004 | Vaporizer Heat Input CAP No. 2 | EQT17 E-18 - LNG Vaporizer SCV |
| GRP004 | Vaporizer Heat Input CAP No. 2 | EQT18 E-19 - LNG Vaporizer SCV |

INVENTORIES

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20050002
 Permit Number: 0520-00098-V6
Air - Title V Regular Permit Minor Mod

Subject Item Groups:

| ID | Description | Included Components (from Above) |
|--------|--------------------------------|--------------------------------------|
| GRP004 | Vaporizer Heat Input CAP No. 2 | EQT19 E-20 - LNG Vaporizer SCV |
| GRP005 | Glycol Heater Heat Input CAP | EQT24 E-22 - Glycol Heater (3202-C1) |
| GRP005 | Glycol Heater Heat Input CAP | EQT25 E-23 - Glycol Heater (3202-C2) |

Relationships:

Stack Information:

| ID | Velocity (ft/sec) | Flow Rate (cubic ft/min-actual) | Diameter (feet) | Discharge Area (square feet) | Height (feet) | Temperature (°F) |
|--------|--|------------------------------------|--------------------|---------------------------------|------------------|---------------------|
| EQT003 | E-1 - Gas Turbine 2204-JA (20 MW) - Emergency {Phase I} | 60 | 258795 | 9.5 | 49.99 | 875 |
| EQT004 | E-3 - LNG Vaporizer 2101-CA | 27 | 7952 | 2.5 | 43 | 60 |
| EQT005 | E-4 - LNG Vaporizer 2101-CB | 27 | 7952 | 2.5 | 43 | 60 |
| EQT006 | E-5 - LNG Vaporizer 2101-CC | 27 | 7952 | 2.5 | 43 | 60 |
| EQT007 | E-6 - LNG Vaporizer 2101-CD | 27 | 7952 | 2.5 | 43 | 60 |
| EQT008 | E-7 - LNG Vaporizer 2101-CE | 27 | 7952 | 2.5 | 43 | 60 |
| EQT009 | E-8 - LNG Vaporizer 2101-CF | 27 | 7952 | 2.5 | 43 | 60 |
| EQT010 | E-9 - LNG Vaporizer 2101-CG | 27 | 7952 | 2.5 | 43 | 60 |
| EQT011 | E-10 - Fuel Gas Heater 2211-LA | 20 | 1677 | 1.3 | 20 | 250 |
| EQT012 | E-11 - Fuel Gas Heater 2211-LB | 20 | 1677 | 1.3 | 20 | 250 |
| EQT013 | E-14 - LNG Vaporizer | 27 | 7952 | 2.5 | 43 | 60 |
| EQT014 | E-15 - LNG Vaporizer | 27 | 7952 | 2.5 | 43 | 60 |
| EQT015 | E-16 - LNG Vaporizer | 27 | 7952 | 2.5 | 43 | 60 |
| EQT016 | E-17 - LNG Vaporizer SCV | 28.35 | 8350 | 2.5 | 43 | 60 |
| EQT017 | E-18 - LNG Vaporizer SCV | 28.35 | 8350 | 2.5 | 43 | 60 |
| EQT018 | E-19 - LNG Vaporizer SCV | 28.35 | 8350 | 2.5 | 43 | 60 |
| EQT019 | E-20 - LNG Vaporizer SCV | 28.35 | 8350 | 2.5 | 43 | 60 |
| EQT020 | E-21 - WEG Solution Heater 2211-LC | 20 | 1677 | 1.3 | 20 | 250 |
| EQT023 | E-1 - Gas Turbine 2204-JA (20 MW) - Emergency {Phase II} | 60 | 258795 | 9.5 | 49.99 | 875 |
| EQT024 | E-22 - Glycol Heater (3202-C1) | 20 | 59623 | 8 | 170 | 352 |
| EQT025 | E-23 - Glycol Heater (3202-C2) | 20 | 59623 | 8 | 170 | 352 |
| EQT029 | T-2 - Bunker C Storage Tank | | | | | |

Fee Information:

| Sub Item Id | Multiplier | Units Of Measure | Fee Desc |
|-------------|------------|------------------|---|
| GRP002 | 1 | | 1490 - Recip Nat Gas Comp (Less than 1,000 H.P.) |

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20050002
 Permit Number: 0520-00098-V6
 Air - Title V Regular Permit Minor Mod

All phases

| Subject Item | PM ₁₀ | | | SO ₂ | | | NOx | | | CO | | | VOC | | |
|--------------|------------------|-----------|-----------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year |
| EQT 004 | 0.68 | 0.68 | 0.06 | 0.06 | 0.06 | 0.06 | 4.91 | 4.91 | 4.91 | 2.51 | 2.51 | 0.50 | 0.50 | 0.50 | 0.50 |
| E-3 | | | | | | | | | | | | | | | |
| EQT 005 | 0.68 | 0.68 | 0.06 | 0.06 | 0.06 | 0.06 | 4.91 | 4.91 | 4.91 | 2.51 | 2.51 | 0.50 | 0.50 | 0.50 | 0.50 |
| E-4 | | | | | | | | | | | | | | | |
| EQT 006 | 0.68 | 0.68 | 0.06 | 0.06 | 0.06 | 0.06 | 4.91 | 4.91 | 4.91 | 2.51 | 2.51 | 0.50 | 0.50 | 0.50 | 0.50 |
| E-5 | | | | | | | | | | | | | | | |
| EQT 007 | 0.68 | 0.68 | 0.06 | 0.06 | 0.06 | 0.06 | 4.91 | 4.91 | 4.91 | 2.51 | 2.51 | 0.50 | 0.50 | 0.50 | 0.50 |
| E-6 | | | | | | | | | | | | | | | |
| EQT 008 | 0.68 | 0.68 | 0.06 | 0.06 | 0.06 | 0.06 | 4.91 | 4.91 | 4.91 | 2.51 | 2.51 | 0.50 | 0.50 | 0.50 | 0.50 |
| E-7 | | | | | | | | | | | | | | | |
| EQT 009 | 0.68 | 0.68 | 0.06 | 0.06 | 0.06 | 0.06 | 4.91 | 4.91 | 4.91 | 2.51 | 2.51 | 0.50 | 0.50 | 0.50 | 0.50 |
| E-8 | | | | | | | | | | | | | | | |
| EQT 010 | 0.68 | 0.68 | 0.06 | 0.06 | 0.06 | 0.06 | 4.91 | 4.91 | 4.91 | 2.51 | 2.51 | 0.50 | 0.50 | 0.50 | 0.50 |
| E-9 | | | | | | | | | | | | | | | |
| EQT 011 | 0.05 | 0.05 | 0.20 | 0.004 | 0.004 | 0.004 | 0.02 | 0.02 | 0.02 | 0.63 | 0.63 | 0.10 | 0.10 | 0.44 | 0.001 |
| E-10 | | | | | | | | | | | | | | | |
| EQT 012 | 0.05 | 0.05 | 0.20 | 0.004 | 0.004 | 0.004 | 0.02 | 0.02 | 0.02 | 0.63 | 0.63 | 0.10 | 0.10 | 0.44 | 0.001 |
| E-11 | | | | | | | | | | | | | | | |
| EQT 013 | 0.68 | 0.68 | 0.06 | 0.06 | 0.06 | 0.06 | 4.90 | 4.90 | 4.90 | 2.51 | 2.51 | 0.50 | 0.50 | 0.50 | 0.50 |
| E-12 | | | | | | | | | | | | | | | |
| EQT 014 | 0.68 | 0.68 | 0.06 | 0.06 | 0.06 | 0.06 | 4.90 | 4.90 | 4.90 | 2.51 | 2.51 | 0.50 | 0.50 | 0.50 | 0.50 |
| E-13 | | | | | | | | | | | | | | | |
| EQT 015 | 0.68 | 0.68 | 0.06 | 0.06 | 0.06 | 0.06 | 4.90 | 4.90 | 4.90 | 2.51 | 2.51 | 0.50 | 0.50 | 0.50 | 0.50 |
| E-14 | | | | | | | | | | | | | | | |
| EQT 016 | 0.74 | 0.74 | 0.06 | 0.06 | 0.06 | 0.06 | 5.20 | 5.20 | 5.20 | 3.20 | 3.20 | 0.51 | 0.51 | 0.51 | 0.51 |
| E-15 | | | | | | | | | | | | | | | |
| EQT 017 | 0.74 | 0.74 | 0.06 | 0.06 | 0.06 | 0.06 | 5.20 | 5.20 | 5.20 | 3.20 | 3.20 | 0.51 | 0.51 | 0.51 | 0.51 |
| E-16 | | | | | | | | | | | | | | | |
| EQT 018 | 0.74 | 0.74 | 0.06 | 0.06 | 0.06 | 0.06 | 5.20 | 5.20 | 5.20 | 3.20 | 3.20 | 0.51 | 0.51 | 0.51 | 0.51 |
| E-17 | | | | | | | | | | | | | | | |
| EQT 019 | 0.74 | 0.74 | 0.06 | 0.06 | 0.06 | 0.06 | 5.20 | 5.20 | 5.20 | 3.20 | 3.20 | 0.51 | 0.51 | 0.51 | 0.51 |
| E-18 | | | | | | | | | | | | | | | |
| EQT 020 | 0.04 | 0.04 | 0.17 | 0.004 | 0.004 | 0.004 | 0.02 | 0.05 | 0.05 | 0.23 | 0.58 | 0.06 | 0.06 | 0.28 | 0.06 |
| E-19 | | | | | | | | | | | | | | | |
| EQT 021 | | | | | | | | | | | | | | 13.07 | 0.26 |
| T-3 | | | | | | | | | | | | | | | |

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

All phases

| Subject Item | PM ₁₀ | | | SO ₂ | | | NOx | | | CO | | | VOC | | |
|----------------|------------------|-----------|-----------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year |
| EQT 029 T-2 | | | | | | | | | | | | | 0.002 | 0.002 | 0.01 |

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

Emission rates Notes:

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20050002
 Permit Number: 0520-00098-V6
 Air - Title V Regular Permit Minor Mod

Phase I

| Subject Item | PM ₁₀ | | | SO ₂ | | | NOx | | | CO | | | VOC | | | |
|--------------|------------------|-----------|-----------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | |
| EQT 003 | 1.26 | 1.26 | 0.50 | 0.11 | 0.11 | 0.05 | 47.03 | 47.03 | 19.00 | 17.00 | 17.00 | 6.80 | 0.02 | 0.02 | 0.01 | |
| E-1 | | | | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| EQT 004 | | | 2.99 | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| E-3 | | | | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| EQT 005 | | | 2.99 | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| E-4 | | | | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| EQT 006 | | | 2.99 | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| E-5 | | | | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| EQT 007 | | | 2.99 | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| E-6 | | | | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| EQT 008 | | | 2.99 | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| E-7 | | | | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| EQT 009 | | | 2.99 | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| E-8 | | | | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| EQT 010 | | | 2.99 | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| E-9 | | | | | | | 0.26 | | | 21.51 | | | 11.00 | | | 2.19 |
| EQT 013 | | | 2.99 | | | | 0.26 | | | 21.50 | | | 11.00 | | | 2.19 |
| E-14 | | | | | | | 0.26 | | | 21.50 | | | 11.00 | | | 2.19 |
| EQT 014 | | | 2.99 | | | | 0.26 | | | 21.50 | | | 11.00 | | | 2.19 |
| E-15 | | | | | | | 0.26 | | | 21.50 | | | 11.00 | | | 2.19 |
| EQT 015 | | | 2.99 | | | | 0.26 | | | 21.50 | | | 11.00 | | | 2.19 |
| E-16 | | | | | | | 0.26 | | | 21.50 | | | 11.00 | | | 2.19 |
| EQT 016 | | | 3.24 | | | | 0.26 | | | 22.78 | | | 14.02 | | | 2.23 |
| E-17 | | | | | | | 0.26 | | | 22.78 | | | 14.02 | | | 2.23 |
| EQT 017 | | | 3.24 | | | | 0.26 | | | 22.78 | | | 14.02 | | | 2.23 |
| E-18 | | | | | | | 0.26 | | | 22.78 | | | 14.02 | | | 2.23 |
| EQT 018 | | | 3.24 | | | | 0.26 | | | 22.78 | | | 14.02 | | | 2.23 |
| E-19 | | | | | | | 0.26 | | | 22.78 | | | 14.02 | | | 2.23 |
| EQT 019 | | | 3.24 | | | | 0.26 | | | 22.78 | | | 14.02 | | | 2.23 |
| E-20 | | | | | | | | | | | | | 0.12 | 0.12 | 0.51 | |
| FUG 001 | | | | | | | | | | | | | | | | |
| FG-1 | | | | | | | | | | | | | | | | |

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

Phase I

PM10: 43.93 tons/yr
SO2: 3.75 tons/yr
NOx: 331.02 tons/yr
CO: 176.29 tons/yr
VOC: 31.90 tons/yr

Emission rates Notes:

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20050002
 Permit Number: 0520-00098-V6
 Air - Title V Regular Permit Minor Mod

Phase II

| Subject Item | PM ₁₀ | | | SO ₂ | | | NOx | | | CO | | | VOC | | |
|--------------|------------------|-----------|-----------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year |
| EQT 004 | | | 2.12 | | | 0.19 | | | 15.21 | | | 7.79 | | | 1.56 |
| E-3 | | | 2.12 | | | 0.19 | | | 15.21 | | | 7.79 | | | 1.56 |
| EQT 005 | | | 2.12 | | | 0.19 | | | 15.21 | | | 7.79 | | | 1.56 |
| E-4 | | | 2.12 | | | 0.19 | | | 15.21 | | | 7.79 | | | 1.56 |
| EQT 006 | | | 2.12 | | | 0.19 | | | 15.21 | | | 7.79 | | | 1.56 |
| E-5 | | | 2.12 | | | 0.19 | | | 15.21 | | | 7.79 | | | 1.56 |
| EQT 007 | | | 2.12 | | | 0.19 | | | 15.21 | | | 7.79 | | | 1.56 |
| E-6 | | | 2.12 | | | 0.19 | | | 15.21 | | | 7.79 | | | 1.56 |
| EQT 008 | | | 2.12 | | | 0.19 | | | 15.21 | | | 7.79 | | | 1.56 |
| E-7 | | | 2.12 | | | 0.19 | | | 15.21 | | | 7.79 | | | 1.56 |
| EQT 009 | | | 2.12 | | | 0.19 | | | 15.21 | | | 7.79 | | | 1.56 |
| E-8 | | | 2.12 | | | 0.19 | | | 15.21 | | | 7.79 | | | 1.56 |
| EQT 010 | | | 2.12 | | | 0.19 | | | 15.19 | | | 7.79 | | | 1.56 |
| E-9 | | | 2.12 | | | 0.19 | | | 15.19 | | | 7.79 | | | 1.56 |
| EQT 013 | | | 2.12 | | | 0.19 | | | 15.19 | | | 7.79 | | | 1.56 |
| E-14 | | | 2.12 | | | 0.19 | | | 15.19 | | | 7.79 | | | 1.56 |
| EQT 014 | | | 2.12 | | | 0.19 | | | 15.19 | | | 7.79 | | | 1.56 |
| E-15 | | | 2.12 | | | 0.19 | | | 15.19 | | | 7.79 | | | 1.56 |
| EQT 015 | | | 2.12 | | | 0.19 | | | 15.19 | | | 7.79 | | | 1.56 |
| E-16 | | | 2.29 | | | 0.19 | | | 16.12 | | | 9.92 | | | 1.58 |
| EQT 016 | | | 2.29 | | | 0.19 | | | 16.12 | | | 9.92 | | | 1.58 |
| E-17 | | | 2.29 | | | 0.19 | | | 16.12 | | | 9.92 | | | 1.58 |
| EQT 017 | | | 2.29 | | | 0.19 | | | 16.12 | | | 9.92 | | | 1.58 |
| E-18 | | | 2.29 | | | 0.19 | | | 16.12 | | | 9.92 | | | 1.58 |
| EQT 018 | | | 2.29 | | | 0.19 | | | 16.12 | | | 9.92 | | | 1.58 |
| E-19 | | | 2.29 | | | 0.19 | | | 16.12 | | | 9.92 | | | 1.58 |
| EQT 019 | | | 2.29 | | | 0.19 | | | 16.12 | | | 9.92 | | | 1.58 |
| E-20 | | | 1.26 | 0.13 | 0.11 | 0.01 | 47.50 | 47.50 | 17.00 | 17.00 | 17.00 | 0.02 | < 0.001 | | |
| EQT 023 | 0.05 | 0.05 | 4.41 | 0.001 | 0.001 < | 0.01 | 6.18 | 6.18 | 20.29 | 4.59 | 4.59 | 15.07 | 0.99 | 0.99 | 3.24 |
| E-22 | 0.05 | 0.05 | 4.41 | 0.001 | 0.001 < | 0.01 | 6.18 | 6.18 | 20.29 | 4.59 | 4.59 | 15.07 | 0.99 | 0.99 | 3.24 |
| EQT 025 | 0.05 | 0.05 | 4.41 | 0.001 | 0.001 < | 0.01 | 6.18 | 6.18 | 20.29 | 4.59 | 4.59 | 15.07 | 0.99 | 0.99 | 3.24 |
| E-23 | 0.05 | 0.05 | 4.41 | 0.001 | 0.001 < | 0.01 | 6.18 | 6.18 | 20.29 | 4.59 | 4.59 | 15.07 | 0.99 | 0.99 | 3.24 |
| EQT 026 | 1.26 | 1.26 | 0.13 | 1.43 | 0.14 | 17.70 | 17.70 | 1.77 | 3.81 | 3.81 | 0.38 | 2.94 | 2.94 | 0.29 | |
| E-24 | 1.26 | 1.26 | 0.13 | 1.43 | 0.14 | 17.70 | 17.70 | 1.77 | 3.81 | 3.81 | 0.38 | 2.94 | 2.94 | 0.29 | |

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

Phase II

| Subject Item | PM ₁₀ | | | SO ₂ | | | NOx | | | CO | | | VOC | | |
|-----------------|------------------|-----------|-----------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year |
| EQT 027 EG-2 | 4.40 | 4.40 | 0.44 | 5.00 | 5.00 | 0.50 | 62.00 | 62.00 | 6.20 | 13.36 | 1.34 | 10.28 | 10.28 | 1.03 | |
| EQT 028 SEG | 0.22 | 0.22 | 0.02 | 0.25 | 0.25 | 0.03 | 3.10 | 3.10 | 0.31 | 0.67 | 0.07 | 0.51 | 0.51 | 0.05 | |
| FUG 001 FG-1 | | | | | | | | | | | | 0.18 | 0.18 | 0.78 | |

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

PM10: 40.47 tons/yr

SO2: 3.36 tons/yr

NOx: 275.96 tons/yr

CO: 154.62 tons/yr

VOC: 31.11 tons/yr

Emission rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20050002
 Permit Number: 0520-00098-V6
 Air - Title V Regular Permit Minor Mod

All phases

| Benzene | | | Ethyl benzene | | | Formaldehyde | | | Methyl Tertiary Butyl Ether | | | Toluene | | | |
|-----------------|-----------|-----------|---------------|-----------|-----------|--------------|-----------|-----------|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Subject Item | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year |
| EQT 004 E-3 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 005 E-4 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 006 E-5 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 007 E-6 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 008 E-7 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 009 E-8 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 010 E-9 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 013 E-14 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 014 E-15 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 015 E-16 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 016 E-17 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 017 E-18 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 018 E-19 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 019 E-20 | | | | | | | 0.01 | 0.01 | | | | | | | |
| EQT 021 T-3 | 0.002 | 0.32 | 0.01 | 0.002 | 0.26 | 0.01 | | | | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 1.96 |
| | | | | | | | | | | | | | | | 0.04 |

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20050002
 Permit Number: 0520-00098-V6
 Air - Title V Regular Permit Minor Mod

All phases

| Xylene (mixed isomers) | | | | |
|------------------------|------------|------------|-------|------|
| Subject Item | Avg lbs/hr | Max lbs/hr | Units | Year |
| EQT 004 E-3 | | | | |
| EQT 005 E-4 | | | | |
| EQT 006 E-5 | | | | |
| EQT 007 E-6 | | | | |
| EQT 008 E-7 | | | | |
| EQT 009 E-8 | | | | |
| EQT 010 E-9 | | | | |
| EQT 013 E-14 | | | | |
| EQT 014 E-15 | | | | |
| EQT 015 E-16 | | | | |
| EQT 016 E-17 | | | | |
| EQT 017 E-18 | | | | |
| EQT 018 E-19 | | | | |
| EQT 019 E-20 | | | | |
| EQT 021 T-3 | 0.01 | 1.57 | 0.03 | |

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

Benzene: 0.01 tons/yr
 Ethyl benzene: 0.01 tons/yr

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

All phases

Methyl Tertiary Butyl Ether: 0.02 tons/yr

Toluene: 0.04 tons/yr

Xylene (mixed isomers): 0.03 tons/yr

Emission Rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AIID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20050002
 Permit Number: 0520-00098-V6
 Air - Title V Regular Permit Minor Mod

Phase I

| Formaldehyde | | | | |
|-----------------|-----------|-----------|-----------|--|
| Subject Item | Avg lb/hr | Max lb/hr | Tons/year | |
| EQT 003 E-1 | 0.14 | 0.14 | 0.05 | |
| EQT 004 E-3 | | | 0.04 | |
| EQT 005 E-4 | | | 0.04 | |
| EQT 006 E-5 | | | 0.04 | |
| EQT 007 E-6 | | | 0.04 | |
| EQT 008 E-7 | | | 0.04 | |
| EQT 009 E-8 | | | 0.04 | |
| EQT 010 E-9 | | | 0.04 | |
| EQT 013 E-14 | | | 0.04 | |
| EQT 014 E-15 | | | 0.04 | |
| EQT 015 E-16 | | | 0.04 | |
| EQT 016 E-17 | | | 0.04 | |
| EQT 017 E-18 | | | 0.04 | |
| EQT 018 E-19 | | | 0.04 | |
| EQT 019 E-20 | | | 0.04 | |

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

Formaldehyde: 0.61 tons/yr

Emission Rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

Phase I

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20050002
 Permit Number: 0520-00098-V6
 Air - Title V Regular Permit Minor Mod

Phase II

| Formaldehyde | | | | |
|--------------|-----------|-----------|-----------|--|
| Subject Item | Avg lb/hr | Max lb/hr | Tons/Year | |
| EQT 004 | | | 0.03 | |
| E-3 | | | | |
| EQT 005 | | | 0.03 | |
| E-4 | | | | |
| EQT 006 | | | 0.03 | |
| E-5 | | | | |
| EQT 007 | | | 0.03 | |
| E-6 | | | | |
| EQT 008 | | | 0.03 | |
| E-7 | | | | |
| EQT 009 | | | 0.03 | |
| E-8 | | | | |
| EQT 010 | | | 0.03 | |
| E-9 | | | | |
| EQT 013 | | | 0.03 | |
| E-14 | | | | |
| EQT 014 | | | 0.03 | |
| E-15 | | | | |
| EQT 015 | | | 0.03 | |
| E-16 | | | | |
| EQT 016 | | | 0.03 | |
| E-17 | | | | |
| EQT 017 | | | 0.03 | |
| E-18 | | | | |
| EQT 018 | | | 0.03 | |
| E-19 | | | | |
| EQT 019 | | | 0.03 | |
| E-20 | | | | |
| EQT 023 | 0.96 | 0.96 | 0.10 | |
| E-1 | | | | |
| EQT 024 | 0.01 | 0.01 | 0.06 | |
| E-22 | | | | |
| EQT 025 | 0.01 | 0.01 | 0.06 | |
| E-23 | | | | |

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

Phase II

Permit Parameter Totals:

Formaldehyde: 0.64 tons/yr

Emission Rates Notes:

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

EQTO03 E-1 - Gas Turbine 2204-JA (20 MW) - Emergency {Phase I}

- 1 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]
Which Months: All Year Phases: Phase I Statistical Basis: Six-minute average
- 2 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
Phases: Phase I
- 3 Operating time monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 4 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total turbine operating time for each month, as well as the operating time for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
Phases: Phase I

- 5 Submit report: Due annually, by the 31st of March. Report the operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
[LAC 33:III.501.C.6], Phases: Phase I
Phases: Phase I
- 6 Turbine shall operate only when the primary source for the facility has been rendered inoperable by an emergency situation. [LAC 33:III.501.C.6], Phases: Phase I
Phases: Phase I
- 7 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. [LAC 33:III.509.A], Phases: Phase I
Phases: Phase I
- 8 Fuel sulfur content <= 0.8 % by weight for any fuel burned. Subpart GG. [40 CFR 60.333(b)]
Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 9 The permittee may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is demonstrated to meet the definition of natural gas in 60.331(u), regardless of whether an existing custom schedule approved by the administrator for subpart GG requires such monitoring. The owner or operator shall use one of the following sources of information to make the required demonstration:

(i) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less; or

(ii) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20 grains/100 scf. At a minimum, the amount of fuel sampling data specified in section 2.3.1.4 or 2.3.2.4 of appendix D to part 75 of this chapter is required.

- [40 CFR 60.334(h)(3)], Phases: Phase I
Phases: Phase I
- 10 Use the reference methods and procedures specified in conducting the performance tests required in 40 CFR 60.8, except as provided for in 40 CFR 60.8(b). Subpart GG. [40 CFR 60.335], Phases: Phase I
Phases: Phase I

EQT004 E-3 - LNG Vaporizer 2101-CA

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

EQTR004 E-3 - LNG Vaporizer 2101-CA

- 11 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
- 12 Which Months: All Year Statistical Basis: None specified
13 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
- 14 Which Months: All Year Statistical Basis: None specified
15 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 16 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. [LAC 33:III.509.A]
- 17 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
- 18 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBtu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBtu). [40 CFR 60.48c(g)]
- 19 Which Months: All Year Statistical Basis: None specified
20 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
- 21 Which Months: All Year Statistical Basis: None specified
22 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 23 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. [LAC 33:III.509.A]
- 24 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
- 25 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBtu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBtu). [40 CFR 60.48c(g)]
- 26 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

EQTR005 E-4 - LNG Vaporizer 2101-CB

- 18 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
- 19 Which Months: All Year Statistical Basis: None specified
20 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 21 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. [LAC 33:III.509.A]
- 22 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
- 23 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBtu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBtu). [40 CFR 60.48c(g)]
- 24 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

EQTR006 E-5 - LNG Vaporizer 2101-CC

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

E-5 - LNG Vaporizer 2101-CC

25 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

26 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

27 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

28 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. [LAC 33:III.509.A]

29 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

30 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu). [40 CFR 60.48c(g)]

31 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

E-6 - LNG Vaporizer 2101-CD

32 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

33 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

34 Which Months: All Year Statistical Basis: None specified

34 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

35 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. [LAC 33:III.509.A]

36 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

37 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu). [40 CFR 60.48c(g)]

38 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

E-7 - LNG Vaporizer 2101-CE

EQT008

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

E-7 - LNG Vaporizer 2101-CE

39 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

40 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified
41 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

42 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. [LAC 33:III.509.A]

43 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

44 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu). [40 CFR 60.48c(g)]

45 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

E-8 - LNG Vaporizer 2101-CF

46 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

47 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

48 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

49 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. [LAC 33:III.509.A]

50 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

51 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu). [40 CFR 60.48c(g)]

52 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

E-9 - LNG Vaporizer 2101-CG

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

EQTO10 E-9 - LNG Vaporizer 2101-CG

53 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

54 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
55 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

56 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. [LAC 33:III.509.A]

57 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

58 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBtu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently) limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBtu). [40 CFR 60.48c(g)]

59 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

EQT011 E-10 - Fuel Gas Heater 2211-LA

60 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

61 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
62 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
63 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. [LAC 33:III.509.A]

EQT012 E-11 - Fuel Gas Heater 2211-LB

64 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

65 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

EQT012 E-11 - Fuel Gas Heater 2211-LB

66 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

67 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. [LAC 33:III.509.A]

EQT013 E-14 - LNG Vaporizer

68 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

69 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

70 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

71 Permittee shall demonstrate compliance with the permitted emission limits of this permit and other pollutants by performing stack tests on one of the vaporizers, Emission Points E-14, E-15, and E-16, using the following methods found in 40 CFR 60, Appendix A:0

- A. NO_x by Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure [PSD-LA-685])
- B. Carbon Monoxide by Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources
- (Stack test performed on September 15, 2005). [LAC 33:III.501.C.6]
- 72 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-685 issued October 1, 2002. [LAC 33:III.509.A]
- 73 Vaporizer shall be equipped with liquid cooled burner cones with a wet injection system and with a NO_x emissions limit of 4.9 lb/hr [PSD-LA-685]. [LAC 33:III.509.J]
- 74 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48(c)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
- 75 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu). [40 CFR 60.48c(g)]
- 76 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

EQT014 E-15 - LNG Vaporizer

77 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AIID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

EQT014 E-15 - LNG Vaporizer

78 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified
Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

80 Permittee shall demonstrate compliance with the permitted emission limits of this permit and other pollutants by performing stack tests on one of the vaporizers, Emission Points E-14, E-15, and E-16, using the following methods found in 40 CFR 60, Appendix A:
 A. NOx by Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure). [PSD-LA-685]
 B. Carbon Monoxide by Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources

(Stack test performed on September 13, 2005). [LAC 33:III.501.C.6]
81 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-685 issued October 1, 2002. [LAC 33:III.509.A]

82 Vaporizer shall be equipped with liquid cooled burner cones with a wet injection system and with a NOx emissions limit of 4.9 lb/hr [PSD-LA-685]. [LAC 33:III.509.J]
83 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

84 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBtu). [40 CFR 60.48c(g)]
85 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

EQT015 E-16 - LNG Vaporizer

86 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

87 Which Months: All Year Statistical Basis: None specified
Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
Activity Number: PER20050002
Permit Number: 0520-00098-V6
Air - Title V Regular Permit Minor Mod

EQT015 E-16 - LNG Vaporizer

89 Permittee shall demonstrate compliance with the permitted emission limits of this permit and other pollutants by performing stack tests on one of the vaporizers, Emission Points E-14, E-15, and E-16, using the following methods found in 40 CFR 60, Appendix A:

- A. NOx by Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure). [PSD-LA-685]
 - A. NOx by Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure). [PSD-LA-685]
- B. Carbon Monoxide by Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources
 - B. Carbon Monoxide by Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources
- C. Sulfur Dioxide by Method 10 - Determination of Sulfur Dioxide Emissions from Stationary Sources
 - C. Sulfur Dioxide by Method 10 - Determination of Sulfur Dioxide Emissions from Stationary Sources
- D. Stack test performed on September 13, 2005. [LAC 33:III.501.C.6]
 - 90 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-685 issued October 1, 2002. [LAC 33:III.509.A]
 - 91 Vaporizer shall be equipped with liquid cooled burner cones with a wet injection system and with a NOx emissions limit of 4.9 lb/hr [PSD-LA-685]. [LAC 33:III.509.J]
 - 92 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
 - 93 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBtu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBtu). [40 CFR 60.48c(g)]
 - 94 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

EQT016 E-17 - LNG Vaporizer SCV

95 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

- 96 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
 - 97 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
 - 98 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
 - 99 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBtu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBtu). [40 CFR 60.48c(g)]
 - 100 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

EQT017 E-18 - LNG Vaporizer SCV

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-y6

Air - Title V Regular Permit Minor Mod

E-18 - LNG Vaporizer SCV

101 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

102 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

103 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

104 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

105 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu). [40 CFR 60.48c(g)]

106 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

E-19 - LNG Vaporizer SCV

107 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

108 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

109 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

110 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

111 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu). [40 CFR 60.48c(g)]

112 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

E-20 - LNG Vaporizer SCV

113 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

EQT019 E-20 - LNG Vaporizer SCV

- 114 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 115 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 116 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
- 117 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBtu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBtu). [40 CFR 60.48c(g)]
- 118 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

EQT020 E-21 - WEG Solution Heater 2211-LC

- 119 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 120 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 121 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT021 T-3 - Gasoline Storage Tank

- 122 Equip with a submerged fill pipe. [LAC 33:III.2103.A]
- 123 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 124 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.4. [LAC 33:III.2103.I]

EQT022 E-1 - Gas Turbine 2204-JA (20 MW) - Emergency {Phase II}

- 125 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]
Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
- 126 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 33351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-Y6

Air - Title V Regular Permit Minor Mod

EQT023 E-1 - Gas Turbine 2204-JA (20 MW) - Emergency {Phase II}

127 Turbine shall operate only when the primary source for the facility has been rendered inoperable by an emergency situation, and not to exceed 200 hr/yr. [LAC 33:III.501.C.6],
Phases: Phase II
Phases: Phase II

128 Operating time monitored by technically sound method continuously. [LAC 33:III.501.C.6]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

129 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total turbine operating time for each month, as well as the operating time for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

Phases: Phase II

130 Submit report: Due annually, by the 31st of March. Report the operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6], Phases: Phase II
Phases: Phase II

131 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. [LAC 33:III.509.A], Phases: Phase II
Phases: Phase II

132 Fuel sulfur content <= 0.8 % by weight (8000 ppmw) for any fuel burned. Subpart GG. [40 CFR 60.333(b)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

133 The permittee may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is demonstrated to meet the definition of natural gas in 60.331(u), regardless of whether an existing custom schedule approved by the administrator for subpart GG requires such monitoring. The owner or operator shall use one of the following sources of information to make the required demonstration:

(i) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less; or

(ii) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20 grains/100 scf. At a minimum, the amount of fuel sampling data specified in section 2.3.1.4 or 2.3.2.4 of appendix D to part 75 of this chapter is required.

[40 CFR 60.334(h)(3)], Phases: Phase II
Phases: Phase II

134 Use the referenced methods and procedures specified in conducting the performance tests required in 40 CFR 60.8, except as provided for in 40 CFR 60.8(b). Subpart GG. [40 CFR 60.335], Phases: Phase II
Phases: Phase II

EQT024 E-22 - Glycol Heater (3202-C1)

135 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Phases: Phase II Statistical Basis: None specified

136 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20050002

Permit Number: 0520-00098-V6

Air - Title V Regular Permit Minor Mod

EQT024 E-22 - Glycol Heater (3202-C1)

137 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
Phases: Phase II

EQT025 E-23 - Glycol Heater (3202-C2)

138 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Phases: Phase II Statistical Basis: None specified

139 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Phases: Phase II Statistical Basis: None specified
140 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
Phases: Phase II

EQT026 EG-1 - Diesel Emergency Generator

141 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
142 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
Phases: Phase II

EQT027 EG-2 - Diesel Emergency Generator

143 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
144 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
Phases: Phase II

EQT028 SEG - Diesel Emergency Generator

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EQT028 SEG - Diesel Emergency Generator

145 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

146 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

FUG001 Fugitive Losses from Pipeline Components

147 Equip all rotary pumps and compressors with mechanical seals. [LAC 33:III.2111]

148 Fugitive emission piping components may be added to or removed from the permitted units, without triggering the need to apply for a permit modification, provided:

A. Changes in components involve routine maintenance or are undertaken to address safety concerns, or involve small piping revisions with no associated emissions increases except from the fugitive emissions components themselves;

B. The changes do not involve any associated increase in production rate or capacity, or tie in new or modified process equipment other than the piping components;

C. Actual emissions following the changes will not exceed the emission limits contained in this permit; and

D. The components are promptly incorporated into any applicable leak detection and repair program. [LAC 33:III.501.C.6]

GRP002 Entire Facility

149 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1.103]

150 Outdoor burning of waste material or other combustible material is prohibited. [LAC 33:III.1109.B]

151 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]

152 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]

153 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]

154 Benzene <= 0.01 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

155 Carbon monoxide <= 154.62 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum

156 Ethyl benzene <= 0.01 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

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GRP002 Entire Facility

- 157 Formaldehyde <= 0.61 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 158 Formaldehyde <= 0.64 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 159 Methyl Tertiary Butyl Ether <= 0.02 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 160 Nitrogen oxides <= 331.02 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 161 Nitrogen oxides <= 275.96 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 162 Particulate matter (10 microns or less) <= 43.93 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 163 Particulate matter (10 microns or less) <= 40.47 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 164 Sulfur dioxide <= 3.75 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 165 Sulfur dioxide <= 3.36 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 166 Toluene <= 0.04 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 167 VOC, Total <= 31.90 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 168 VOC, Total <= 31.11 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 169 Xylene (mixed isomers) <= 0.03 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 170 Carbon monoxide <= 176.29 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 171 Comply with the requirements of PSD-LA-97 (M-2) and PSD-LA-685. This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permits PSD-LA-97 (M-2) and PSD-LA-685. [LAC 33:III.509]
- 172 Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority. [LAC 33:III.5611.A]
- 173 During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations. [LAC 33:III.5611.B]
- 174 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919 A-D. [LAC 33:III.919.D]
- 175 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. [40 CFR 60]
- 176 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

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GRP002 Entire Facility

- 177 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 178 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. (A report is not required during periods in which there is no excess emission). [40 CFR 70.6(a)(3)(iii)(B)]
- 179 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

GRP003 Vaporizer Heat Input CAP No. 1

- 180 Total heat input <= 5,704,000 MM BTU/yr as an aggregate for all vaporizers in this group. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total heat input exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33.III.501.C.6], Phases: Phase II
- 181 Total heat input monitored by technically sound method continuously. [LAC 33.III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 182 Total heat input recordkeeping by electronic or hard copy monthly. Keep records of the total heat input for all vaporizers in this group each month, as well as the total heat input for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33.III.501.C.6]
Phases: Phase II
- 183 Submit report: Due annually, by the 31st of March. Report the total heat input for all vaporizer in this group for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33.III.501.C.6], Phases: Phase II
Phases: Phase II

GRP004 Vaporizer Heat Input CAP No. 2

- 184 Total heat input <= 2,331,200 MM BTU/yr as an aggregate for all vaporizers in this group. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total heat input exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33.III.501.C.6], Phases: Phase II
- 185 Total heat input monitored by technically sound method continuously. [LAC 33.III.501.C.6]
Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 186 Total heat input recordkeeping by electronic or hard copy monthly. Keep records of the total heat input for all vaporizers in this group each month, as well as the total heat input for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33.III.501.C.6]
Phases: Phase II
- 187 Submit report: Due annually, by the 31st of March. Report the total heat input for all vaporizer in this group for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33.III.501.C.6], Phases: Phase II
Phases: Phase II

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Activity Number: PER20050002

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GRP005 Glycol Heater Heat Input CAP

188 Total heat input <= 2,319,210 MM BTU/yr as an aggregate for both glycol heaters. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total heat input exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6], Phases: Phase II
Phases: Phase II

189 Total heat input monitored by technically sound method continuously. [LAC 33:III.501.C.6]

Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum

190 Total heat input recordkeeping by electronic or hard copy monthly. Keep records of the total heat input for both glycol heaters each month, as well as the total heat input for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
Phases: Phase II

191 Submit report: Due annually, by the 31st of March. Report the total heat input for both glycol heaters for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6], Phases: Phase II
Phases: Phase II